

What is claimed is:

1. A scattering sheet obtained by forming a scattering resin into a sheet having a thickness of about $1\mu\text{m}$ to about $100\mu\text{m}$, and having a total light transmittance T satisfying expression (I):

$$\text{about } 85\% \leq T < \text{about } 100\% \quad (\text{I})$$

and a haze H_z satisfying expression(II):

$$\text{about } 50\% \leq H_z < \text{about } 90\% \quad (\text{II}),$$

wherein the scattering resin comprising a colorless transparent resin and colorless transparent spherical particles dispersed in the colorless transparent resin, a refractive index $n(R)$ of the colorless transparent resin and a refractive index $n(F)$ of the colorless transparent spherical particles satisfy expression(III):

$$\text{about } 0.00 < n(R) - n(F) \leq \text{about } 0.05 \quad (\text{III}),$$

an average particle size ϕ of the colorless transparent spherical particles satisfies expression(IV):

$$\text{about } 2\mu\text{m} \leq \phi \leq \text{about } 5\mu\text{m} \quad (\text{IV}),$$

and a content of the colorless transparent spherical particles is about 1 to about 100 parts by weight with respect to 100 parts by weight of the colorless transparent resin.

2. A scattering sheet according to claim 1, wherein the content of the colorless transparent spherical particles is about 1 to about 50 parts by

weight with respect to 100 parts by weight of the colorless transparent resin.

3. A scattering sheet according to claim 1, wherein the refractive index $n(R)$ of the colorless transparent resin satisfies expression (V):

$$\text{about } 1.40 < n(R) \leq \text{about } 1.50 \quad (V).$$

4. A scattering sheet according to claim 1, wherein the colorless transparent resin is an acrylic pressure-sensitive adhesive.

5. A scattering sheet according to claim 1, wherein the colorless transparent spherical particles are made of a silicone resin.

6. A scattering sheet according to claim 1, wherein a phase retardation value of the scattering sheet is about 30 nm or less.

7. A laminated sheet comprising the scattering sheet according to any of claims 1 to 6 and two resin sheets, wherein the scattering sheet is sandwiched by two resin sheets.

8. A laminated sheet comprising the scattering sheet according to any of claims 1 to 6 and a stretched resin sheet, wherein the stretched resin sheet is laminated on the scattering sheet.

9. A laminated sheet according to claim 8, wherein the stretched resin sheet is a polarizing film or a

phase retardation film.

10. A laminated sheet according to claim 9,
wherein the stretched resin sheet is a phase retardation
film selected from a quarter-wave film and a half-wave
5 film.

11. A laminated sheet according to claim 8,
wherein the stretched resin sheet is composed of a
polarizing film and at least one phase retardation film,
and the polarizing film and the phase retardation film
10 are laminated on the scattering sheet in layers.

12. A laminated sheet comprising the scattering
sheet according to any of claims 1 to 6 and a reflective
film or a transflective film, wherein the reflective
film or the transflective film is laminated on the
15 scattering sheet in layers.

13. A laminated sheet according to claim 12,
wherein further a polarizing film is laminated thereon.

14. A liquid crystal display device comprising the
laminated sheet according to claim 11 laminated on the
20 front of a liquid crystal cell.

15. A liquid crystal display device according to
claim 14, wherein a polarizing film is laminated on the
back of the liquid crystal cell, and a backlighting
device is placed on the back of the polarizing film.

25 16. A liquid crystal display device according to

claim 15, wherein a phase retardation film is laminated together with the polarizing film on the back of the liquid crystal cell.

17. A liquid crystal display device comprising a
5 polarizing film laminated on the front of a liquid crystal cell, and the laminated sheet according to claim 13 laminated on the back of the liquid crystal cell.

18. A liquid crystal display device according to claim 17, wherein a phase retardation film is laminated
10 together with the polarizing film on the front of the liquid crystal cell.

19. A liquid crystal display device according to claim 17 or 18, wherein a backlighting device is placed on the back of the laminated sheet laminated on the back
15 of the liquid crystal cell.

20. A liquid crystal display device according to claim 17 or 18, wherein a phase retardation film is laminated together with the laminated sheet on the back of the liquid crystal cell.

21. A liquid crystal display device according to claim 20, wherein a backlighting device is placed on the back of the laminated sheet laminated on the back of the liquid crystal cell.